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NEWS 8 AUG 18 FROSTI and KOSMET enhanced with Simultaneous Left and Right
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NEWS EXPRESS OCTOBER 01 CURRENT WINDOWS VERSION IS V6.01a, CURRENT
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=> s interferon (w) induction

L1 5435 INTERFERON (W) INDUCTION

=> s cyclic (w) amides or lactams or ?pyrrolidinone

L2 48058 CYCLIC (W) AMIDES OR LACTAMS OR ?PYRROLIDINONE

=> s l1(s) l2

L3 4 L1(S) L2

=> d l3 1- ibib,abs

YOU HAVE REQUESTED DATA FROM 4 ANSWERS - CONTINUE? Y/(N):y

L3 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 1974:25867 CAPLUS

DOCUMENT NUMBER: 80:25867

TITLE: Initiation of the formation of endogenic interferon

INVENTOR(S): From, A. A.; Bostandzhyan, M. G.; Gyul'badamova, N.

M.; Sirotenko, A. V.; Fadeeva, L. L.

PATENT ASSIGNEE(S): Central Institute of Hematology and Blood Transfusion

SOURCE: U.S.S.R. From: Otkrytiya, Izobret., Prom. Obraztsy,

Tovarnye Znaki 1973, 50(26), 93.

CODEN: URXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Russian

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
SU 386009	T	19730614	SU 1971-1671198	19710608
PRIORITY APPLN. INFO.:			SU 1971-1671198	19710608

AB The formation of endogenous interferon was initiated by introducing an appropriate inductor into the organism. To lower the toxic effect, an aq. salt soln. contg. low-mol.-wt. poly(vinylpyrrolidinone) H (.ltoreq.0.4%) was used as the interferon inducer.

L3 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 1973:79720 CAPLUS

DOCUMENT NUMBER: 78:79720

TITLE: Interferonogens and antiviral substances. Copolymers of vinylpyrrolidinone and double-stranded complexes of polyribonucleotides

AUTHOR(S): Zeitlenok, N. A.; Vil'ner, L. M.; Bresler, S. E.;

Kropachev, V. A.; Tikhomirova-Sidorova, N. S.;

Trukhmanova, L. B.; Brodskaya, L. M.; Alpatova, G. A.

CORPORATE SOURCE: Inst. Polio. Viral Encephalitides, Moscow, USSR

SOURCE: Trudy Instituta Poliomiellita i Virusnykh Entsefalitov

Akademii Meditsinskikh Nauk SSSR (1971), 16, 372-84

CODEN: TMPVAP; ISSN: 0568-4609

DOCUMENT TYPE: Journal

LANGUAGE: Russian

AB Vinylpyrrolidone-crotonic acid copolymer [25133-86-2], vinylpyrrolidone-crotonic aldehyde copolymer [25133-87-3], and vinylpyrrolidone-maleic anhydride copolymer [26837-56-9] induced interferon prodn. in mice (max. titers 24 hr postinjection) and increased

the resistance of the mice to tick-borne encephalitis virus (for 10 days postinjection). Resistance was indicated by a higher survival rate and lower accumulation of viral pathogen in the blood and brain of treated infected mice than in untreated infected mice. The antiviral action of these copolymers seems to be closely related to their interferonogenic activity. Poly(guanidylate:cytidylate) [27965-02-2] was more active than poly(adenylate:uridylate) [25249-19-8] in inducing interferonogenesis in rabbits, monkeys, and chick embryo fibroblast culture and in inhibiting Chikungunya virus plaque formation in the fibroblast culture.

L3 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 1972:470361 CAPLUS

DOCUMENT NUMBER: 77:70361

TITLE: Use of synthetic **vinylpyrrolidinone**-based copolymers for **interferon induction** and an increased resistance to virus infections

AUTHOR(S): Vil'ner, L. M.; Ze'tlenok, N. A.; Chumakov, M. P.; Kropachev, V. A.; Trukhmanova, L. B.

CORPORATE SOURCE: USSR

SOURCE: Fiziol. Opt. Aktiv. Polim. Veshchestva (1971) 137-44
From: Ref. Zh., Biol. Khim. 1971, Abstr. No. 23F2056

DOCUMENT TYPE: Journal

LANGUAGE: Russian

AB The copolymer of vinylpyrrolidinone (VP) (mol. wt. .sim. 200,000) had greater antiviral activity in mice than did the copolymers of VP with crotonic acid, crotonic aldehyde, and maleic aldehyde.

L3 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 1970:475297 CAPLUS

DOCUMENT NUMBER: 73:75297

TITLE: Reticuloendothelial effects of interferon inducers: polyanionic and non-polyanionic phylaxis against microorganisms

AUTHOR(S): Regelson, William; Munson, Albert E.

CORPORATE SOURCE: Div. of Med. Oncol., Med. Coll. of Virginia, Richmond, VA, USA

SOURCE: Annals of the New York Academy of Sciences (1970), 173(Art. 1), 831-41
CODEN: ANYAA9; ISSN: 0077-8923

DOCUMENT TYPE: Journal

LANGUAGE: English

AB Poly I:C and pyran copolymer produced biphasic changes in the phagocytic and immunol. responses of the reticuloendothelial system of mice. Freund adjuvant, poly(**vinylpyrrolidinone**), tributyrin, and Thorotrast also exerted protective action against viral infection, suggesting that polyanions may not be necessary for **interferon induction**

=> s l1 (L) l2

L4 5 L1 (L) L2

=> d l4 1- ibib,abs

YOU HAVE REQUESTED DATA FROM 5 ANSWERS - CONTINUE? Y/(N):y

L4 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 1974:25867 CAPLUS

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INVENTOR(S): From, A. A.; Bostandzhyan, M. G.; Gyul'badamova, N. M.; Sirotenko, A. V.; Fadeeva, L. L.

PATENT ASSIGNEE(S): Central Institute of Hematology and Blood Transfusion

SOURCE: U.S.S.R. From: Otkrytiya, Izobret., Prom. Obraztsy, Tovarnye Znaki 1973, 50(26), 93.
CODEN: URXXAF

DOCUMENT TYPE: Patent
LANGUAGE: Russian
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PRIORITY APPLN. INFO.: SU 1971-1671198 19710608

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L4 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 1973:82844 CAPLUS

DOCUMENT NUMBER: 78:82844

TITLE: Effect of incubation temperature on the production and action of interferon

AUTHOR(S): Bostandzhyan, M. G.

CORPORATE SOURCE: Inst. Eksp. Biol., Erevan, USSR

SOURCE: Obrazov. Deistvie Interferona, Mater. Simp. "Ingibitory Virusov" (1972), Meeting Date 1970, 137-42. Editor(s): Indulen, M. K. "Zinatne": Riga, USSR.

CODEN: 26FEA9

DOCUMENT TYPE: Conference

LANGUAGE: Russian

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L4 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 1973:79720 CAPLUS

DOCUMENT NUMBER: 78:79720

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AUTHOR(S): Zeitlenok, N. A.; Vil'ner, L. M.; Bresler, S. E.; Kropachev, V. A.; Tikhomirova-Sidorova, N. S.; Trukhmanova, L. B.; Brodskaya, L. M.; Alpatova, G. A.

CORPORATE SOURCE: Inst. Polio. Viral Encephalitides, Moscow, USSR

SOURCE: Trudy Instituta Poliomiellita i Virusnykh Entsefalitov Akademii Meditsinskikh Nauk SSSR (1971), 16, 372-84

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DOCUMENT TYPE: Journal

LANGUAGE: Russian

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DOCUMENT NUMBER: 77:70361
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AUTHOR(S): Vil'ner, L. M.; Ze'tlenok, N. A.; Chumakov, M. P.; Kropachev, V. A.; Trukhmanova, L. B.
CORPORATE SOURCE: USSR
SOURCE: Fiziol. Opt. Aktiv. Polim. Veshchestva (1971) 137-44
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DOCUMENT TYPE: Journal
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AUTHOR(S): Regelson, William; Munson, Albert E.
CORPORATE SOURCE: Div. of Med. Oncol., Med. Coll. of Virginia, Richmond, VA, USA
SOURCE: Annals of the New York Academy of Sciences (1970), 173(Art. 1), 831-41
CODEN: ANYAA9; ISSN: 0077-8923
DOCUMENT TYPE: Journal
LANGUAGE: English
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=> s l1 (p) l2
L5 5 L1 (P) L2

=> s l1 and l2
L6 6 L1 AND L2

=> d l6 1- ibib,abs
YOU HAVE REQUESTED DATA FROM 6 ANSWERS - CONTINUE? Y/(N):y

L6 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2003 ACS on STN
ACCESSION NUMBER: 1974:25867 CAPLUS
DOCUMENT NUMBER: 80:25867
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INVENTOR(S): From, A. A.; Bostandzhyan, M. G.; Gyul'badamova, N. M.; Sirotenko, A. V.; Fadeeva, L. L.
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L6 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2003 ACS on STN
ACCESSION NUMBER: 1973:119228 CAPLUS
DOCUMENT NUMBER: 78:119228
TITLE: Experimental study of the effect of various interferon inducers in herpetic infection
AUTHOR(S): Bikbulatov, R. M.; Bostandzhyan, M. G.; Fadeeva, L. L.; Stakhanova, V. M.
CORPORATE SOURCE: Inst. Virusol. im. Ivanovskogo, Moscow, USSR
SOURCE: Voprosy Virusologii (1972), (6), 705-8
CODEN: VVIRAT; ISSN: 0507-4088
DOCUMENT TYPE: Journal
LANGUAGE: Russian

AB A polyvinylpyrrolidone-polyvinyl alc. mixt. [37328-93-1], known to induce interferon, protected mice against death from herpes simplex virus infection; the effects were similar after i.p. or aerosol administration of the mixt. Poly GC [26777-56-0], poly IC [26700-94-7], and homologous interferon also showed antiviral activity. Except for poly GC, all of the test agents suppressed reproduction of the virus in human embryonic fibroblast cultures.

L6 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2003 ACS on STN
ACCESSION NUMBER: 1973:82844 CAPLUS
DOCUMENT NUMBER: 78:82844
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